





# City of Loma Linda Official Report

Floyd Petersen, Mayor  
Stan Brauer, Mayor pro tempore  
Robert Christman, Councilmember  
Robert Ziprick, Councilmember  
Charles Umeda, Councilmember

COUNCIL AGENDA: August 16, 2005

TO: City Council

VIA: Dennis R. Halloway, City Manager 

FROM: T. Jarb Thaipejr, Public Works Director/City Engineer 

SUBJECT: Award Contract for the Installation of a Traffic Signals at the Intersection of Redlands Boulevard and Richardson Street and at the Intersection of Campus Street and Prospect Avenue.

## **RECOMMENDATION**

It is recommended that the City Council award the contract for the installation of Traffic Signals at the Intersection of Redlands Boulevard and Richardson Street and at the Intersection of Campus Street and Prospect Avenue and appurtenant work to DBX Inc. of Temecula, California in the amount of \$297,588.00 and authorize a contingency allocation of the \$30,000.

## **BACKGROUND**

The intersection of Redlands Boulevard and Richardson Street has experienced increased traffic and crossing delay time. The conflicting crossing movements have created a hazard that has been identified as eligible for grant funding. The City was awarded a Federal Hazard Elimination Safety (HES) grant in the amount of \$141,750 to install a traffic signal at this intersection.

The intersection of Campus Street and Prospect Avenue is a major pedestrian crossing from Loma Linda University and Medical Center to the parking structure. This intersection has become increasingly congested. In order to safely allow for the flow of traffic and pedestrians a signal is warranted. The University has agreed to fund half the cost of this improvement.

## **ANALYSIS**

Three bids were received and publicly opened on August 2, 2005. The low bidder, DBX Inc. of Temecula, provided a total bid of \$297,588. This bid is \$7,438 above the Engineer's estimate of \$290,150. Schedule A was a re-bid from a bid rejected in April due to cost and lack of competition. This portion is \$169,534, which is approximately \$27,000 lower than the April bid. Schedule B is \$128,054, half of which will be the City's cost. City staff will accomplish inspection for this project in-house.

## FINANICIAL IMPACT

Funding for this project is as follows:

1.	Account 28-3300-8500	HES	\$141,750
2.	Account 08-5340-8500	Measure I	\$ 58,200
3.	Account 12-2340-8500	CIP	\$ 80,000
4.	Account LLUMC		\$ 64,000

Attachment

*I:\Public Works Admin\Staff Reports\Award Contract for Redlands & Richardson Traffic Signal2.doc*

# City of Loma Linda

BID OPENING DATE: August 2, 2005

Traffic Signals at Redlands Blvd & Richardson St and Campus St & Prospect Ave

Bidding Schedule A - Redlands Blvd and Richardson St				Engineering Estimate		DBX Inc.		Moore Electrical	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization	L.S.	1	15,000.00	15,000.00	3,500.00	3,500.00	5,000.00	5,000.00
2	Traffic Signal	L.S.	1	100,000.00	100,000.00	93,974.00	93,974.00	136,000.00	136,000.00
3	PCC Sidewalk	S.F.	1,800	6.00	10,800.00	5.50	9,900.00	5.00	9,000.00
4	PCC Access Ramp	EA.	3	1,500.00	4,500.00	1,600.00	4,800.00	3,500.00	10,500.00
5	6' Block Wall	L.F.	285	60.00	17,100.00	96.00	27,360.00	105.00	29,925.00
6	Clearing and Grubbing	L.S.	1	10,000.00	10,000.00	9,500.00	9,500.00	14,850.00	14,850.00
7	Stripping and Marking	L.S.	1	5,000.00	5,000.00	5,400.00	5,400.00	6,000.00	6,000.00
8	Relocate Fire Hydrant	EA.	1	4,000.00	4,000.00	6,000.00	6,000.00	5,885.00	5,885.00
9	Signs	EA.	3	250.00	750.00	200.00	600.00	210.00	630.00
10	Remove and Replace X-Gutter	S.F.	500	10.00	5,000.00	17.00	8,500.00	14.00	7,000.00
SCHEDULE A TOTAL					\$172,150.00	\$169,534.00		\$224,790.00	

Bidding Schedule B - Campus St and Prospect Ave				Engineering Estimate		DBX Inc.		Moore Electrical	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization	L.S.	1	15,000.00	15,000.00	2,500.00	2,500.00	50,031.00	50,031.00
2	Traffic Signal	L.S.	1	100,000.00	100,000.00	122,554.00	122,554.00	111,000.00	111,000.00
3	Stripping and Marking	L.S.	1	3,000.00	3,000.00	3,000.00	3,000.00	3,300.00	3,300.00
SCHEDULE B TOTAL					\$118,000.00	\$128,054.00		\$164,331.00	
GRAND TOTAL					\$290,150.00	\$297,588.00		\$389,121.00	

City of Loma Linda

BID OPENING DATE: August 2, 2005  
Traffic Signal at Redlands Blvd and Richardson St

ITEM NO.	DESCRIPTION	Steiny and Company	
		UNIT PRICE	TOTAL
1	Mobilization	7,800.00	7,800.00
2	Traffic Signal	145,743.00	145,743.00
3	PCC Sidewalk	8.55	15,390.00
4	PCC Access Ramp	1,525.00	4,575.00
5	6' Block Wall	196.20	55,917.00
6	Clearing and Grubbing	10,870.00	10,870.00
7	Stripping and Marking	7,152.00	7,152.00
8	Relocate Fire Hydrant	7,662.00	7,662.00
9	Signs	252.00	756.00
10	Remove and Replace X-Gutter	11.45	5,725.00
TOTAL			\$261,590.00

Bidding Schedule B

ITEM NO.	DESCRIPTION		
		UNIT PRICE	TOTAL
1	Mobilization	5,300.00	5,300.00
2	Traffic Signal	137,794.00	137,794.00
3	Stripping and Marking	3,977.00	3,977.00
			\$147,071.00

**\$408,661.00**